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1820. *Jan'y* 7. (14 present.)

ELECTION OF OFFICERS.

President—Robert Patterson.

Vice-Presidents—Tilghman, DuPonceau, Collins.

Secretaries—James, Dr. Patterson, Walsh, Ord.

Councillors—Jas. Gibson, Chapman, Hare, Hembell.

Curators—Cloud, Hewson, Haines.

Treasurer—Vaughan.

1820. *Jan'y* 21. (Tilghman; and 17 others.)

Donations for the Library and Cabinet.

Librarian elected: J. Vaughan.

Auditing Committee of 1819 discharged.

Election of a new member: Baron Hormeyer, of Vienna.

1820. *Feb'y* 4. (DuPonceau; and 16 others.)

Williams' letter on Dry Rot: Committee continued.

Donations: Library—from Mr. Vaughan.

Description of a new Twine-twisting machine, offered for Extra-Magellenic Premium, was referred to the Board of Officers.

The spontaneous combustion of linseed oil after being poured on wood ashes, was described by Mr. Patterson, as experimentally proved at the U. S. Mint.

1820. *Feb'y* 18. (Collins; and 19 others.)

Instrument for describing Ellipses, reported on by the Board of Officers. Report accepted.

Lambert's paper: report of Committee accepted.

Perkins' Experiments: Committee continued.

Brazilian Medicines: Committee continued.

On Prussic Acid: Committee discharged.

Donation to the Library from Moses Thomas.

Treasurer to present his accounts before July.

1820. *March 3.* (Patterson; Vaughan, Lesueur, Correa, DuPonceau, Hasler, Collin, Mease, Horner, Patterson, Dewees, Ord.)

Donations for Library and Cabinet.

“Papers upon various subjects relating to the Survey of the Coasts of the U. S.,” by F. R. Hassler; referred to Dr. Patterson, Vaughan and Nulty.

1820. *March 17.* (DuPonceau; and 17 others.)

Chapman’s method of making Canvas* (Extra-Mag. Prem.), reported; to be acted on at the next meeting; notice to be given.

Machine for twisting twine:† report of Board of Officers accepted.

Hasler’s papers: reported for publication.

MS. Correspondence of General Greene presented by Rob. Desilver.—Other donations for the Library.

Lot on Fifth Street: “A renunciation on the part of the Society of all claim to the State House Square, except so much as was granted to the Society by act of Assembly, being the lot of ground whereon the Building of the Society stands,” was read, and ordered “to be legally executed and delivered to the proper authorities.”

Transactions: Committee to consider the propriety of printing a new volume; Patterson, Vaughan, Collins.

Regular Publication ordered of a list of Donations, Communications, and New Members: Committee, Ord and Eberlé, to assist the Librarian; expense, if any, to be defrayed by the Society.

Oration in January, 1821: DuPonceau and Walsh nominated.

1820. *April 7.* (Patterson; and 17 others.)

Committee on Transactions reported good progress.

* Cf. Sep. 17, 1819.

† Cf. Feb. 4, 1819.

Extra Building Lot: The following paper was read by Mr. Vaughan :

"To the Select and Common Councils of the City of Philadelphia.

"GENTLEMEN,

"I am directed by the City Commissioners to lay before you an agreement, drawn by the City Solicitor. dated the 21st inst. and executed by the Philosophical Society, relative to the occupying of a strip of ground adjoining their building in the State-House yard.

"The use of the lot has been had by the Society many years, before the management of the State-House yard came under the direction of the City Board ; it is believed that the possession thereof has been acquiesced in by all who have had the care of the ground, from the absolute necessity of the case, the premises not affording any other means of conveniency.

"The City Commissioners respectfully request of Council directions for their future government.

"By order

"MATH. RANDALL

"City Clerk

"23^d March, 1820."

"In Select Council, March 23^d, 1820.

"Resolved by the Select and Common Councils that the City Commissioners cause the Deed Poll executed by the Philosophical Society in relation to a small piece of ground south of their Hall to be placed on record at the expense of said Society, and that the use of said piece of ground, as now enclosed, be permitted during the pleasure of Councils and no longer."

Donations from various sources.

Extra-Magellanic Premium (the highest) was awarded (by ballot) to Joshua Chapman, of Bristol, Pa., for an improvement in the manufacture of canvas.

Orator chosen: Mr. Du Ponceau.

1820. April 21. (Collins; and 19 others.)

Williams' Committee continued.

Donations from Royal Society, London; the King of France; Rafinesque; Nash, Collins, Short, and Hembel, Jr.

On a new flue for Chimneys, with a model, by Elijah Griffiths; referred to Hare, Patterson and Vaux.

Election of three new members: Wm. Marsden, of England; Dr. Franklin Bache; Dr. Wm. Gibson, both of Philadelphia.

1820. *May 5.* (Du Ponceau ; Collins, Josh Humphreys, Meredith, Vaughan, Nuttall, Correa, Lesueur, Vaux, Haines, C. J. Ingersoll, Nulty, Mease, Patterson, Collin, Dewees, Hewson, Horner, Eberle, Bache, Hare, Chapman, Patterson and Ord, 24.)

Williams' paper on Dry Rot ; report read and ordered to be transcribed and forwarded to Mr. Williams.

Donation : Library—from Dr. Patterson and Haines.

Donation : Cabinet—from Dr. Le Baron.

Griffiths' improved flue : report read and recommitted.

Meteorological Observations at the United States Cantonment on the Missouri, by Dr. Mower ; referred to R. Patterson, Dewees and Mease.

On geographical names ; read by Dr. Collin.

On a new Varnish, communicated to Dr. J. Redman Coxe, was read by Mr. Vaughan.

Dr. Coxe to report his conference with the writer.

1820. *May 19.* (Du Ponceau ; and 16 others.)

Busby's proposal to use the surface of a rotating mass of mercury as a parabolic reflector for a telescope, was reported on ; report to be filed.

Donations from various sources. Cagnoli's Trigonometry ordered to be bought.

1820. *June 16.* (Du Ponceau ; and 11 others.)

Donations for library and cabinet.

On the Mocking Bird, by N. M. Hentz ; referred to Mease, Gibson and Lesueur.

1820. *July 21.* (Collins ; and 8 others.)

Donations from various persons.

On the anatomy of the Alligator, by N. M. Hentz, was referred to Dewees, Horner and Mease.

1820. *Aug.* 18. (Du Ponceau; and 10 others.)

Hentz's paper; Committee continued.

Donations for Library and Cabinet from various sources.

1820. *Sept.* 15. (Patterson; and 11 others.)

Brazilian medicines; Committee reported the Resina de Catala analogous to Jallup [*sic*], but had not a sufficient quantity to test its value.

Committee to publish Donations ordered to report.

Donation: Library—from various sources.

Treasurer directed to present his accounts on the Second meeting in October.

1820. *Oct.* 6. (Collins; Correa, Vaughan, Horner, Eberlé, Mease, Barnwell, Sergeant, Bache, Hare, Collin, Colhoun, Lesueur, Hall, Chapman, Dewees, Dr. Patterson, 17.)

Donation: Library—from various persons.

An account of a new Varnish, was offered for the Magellanic or for the Extra Magellanic Premium, and referred to the Board of Officers.

1820. *Oct.* 20. (Du Ponceau; and 20 others.)

Donation for Library and Cabinet from various sources.

Dr. Hare described his Deflagrator, and "the importance of the sudden & simultaneous immersion of all the plates of the Voltaic battery, to procure its maximum effect."

Election of eight new members: Rev. S. F. Jarvis, of New York; Mr. Isaiah Lukens, of Philadelphia; J. J. Berzelius, Stockholm; J. A. Borgnis, of Paris; M. Lesseps, Consul of France at Philadelphia; M. Montgéry, officer French Navy; Wm. Strickland, Architect, of Philadelphia, and J. Pickering, of Salem, Massachusetts.



BOSTON.

MEETING ROOM. AMERICAN PHILOSOPHICAL SOCIETY. SOUTH-EAST VIEW.

ELLIOTTE PRINTING CO.

1820. *Nov.* 3. (Patterson; and 17 others.)

Hentz Committee continued.

Committee on the arrangement of the Library continued.

Donations for the Library from several persons.

“On Condorcet’s application of the theory of probabilities to decisions depending on a majority of votes.” Verbal communication by Dr. Collin.

“On cheaply altering Abbot’s cooking stoves into a furnace for heating rooms by Lehigh Coal.” Verbal communication by Mr. Haines.

Lease to Mr. Sully. Committee appointed in 1817 ordered to report on the first meeting in December.

1820. *Nov.* 17. (Du Ponceau; Lukens, Strickland and 16 others.)

Donations for Library and Cabinet from various sources.

“Obs. on the Trap rocks of the Connewago Hills, & Stony Ridge, Dauphin & Cumberland Cos., Pa.,” by Judge Gibson, was referred to Collins, Patterson and Lukens.

Treasurer had leave to defer the presentation of his accounts until next meeting.

1820. *Dec.* 1. (Tilghman; and 20 others.)

Library Committee reported:

“That upon examination they find that the Books are generally classed according to the subjects upon which they treat, but, with a view to relieve the cases in the hall where the Society holds its meetings, they respectfully suggest the propriety of authorizing the librarian to have suitable compartments constructed in the adjoining room, to which shall be transferred such books as are seldom consulted.”

(Signed)

P. S. DUPONCEAU,
ROBERT WALSH,
JNO. VAUGHAN,
ROBERTS VAUX.”

Committee required to report further in May, 1821.

Report on Dr. Mower’s Paper on the Climate at Council Bluffs accepted.

Gibson’s paper (Trap) reported for publication.

Treasurer begged leave to defer his account to the next meeting.

Committee on the Sully lease continued.

Donations from Collins & Carey: A very valuable collection of books, presented by Adelung, of St. Petersburg, had arrived at New York.

Correa de Serra. "The Sec. was instructed to direct a letter to his Excellency Mr. Correa de Serra, expressive of the high regard of the Society, & of their regret at his departure from this country." To be signed by the President and Vice-Presidents.

Librarian authorized to purchase a collection made at Paris for the Society by Mr. Ord, for fifty-three francs; and thanks voted to Mr. Ord for the pains he had taken to get such books so cheaply.

1820. *Dec.* 15. (Collins; and 15 others.)

Report on a new Varnish (Extra Magellanic Premium) laid on the table. "(See Report on File.)"

Treasurer submitted his accounts for several years; referred to DuPonceau, Collins and Strickland.

Bronze Bust of Count Nich. Romantzoff. Chancellor of the Roman Empire, presented by himself, with a letter.

Neither Magellanic nor Extra Magellanic Premium should be awarded to any paper this year.

Annual Oration postponed, at Mr. DuPonceau's request, to the last Friday in May, 1821.

1821. *Jan'y* 5. (Patterson; Duponceau, Dewees, Patterson, C. Smith, Bache, Barnwell, N. Biddle, Collin, Short, Currie, Horner, Hare, Strickland, Vaughan.)

ELECTION OF OFFICERS.

President—Rob. Patterson.

Vice-Presidents—Tilghman, DuPonceau, Collins.

Secretaries—Hewson, R. M. Patterson, Walsh, Ord.